Index of Claims

Applicant(s)/Patent under Reexamination **DUPREY ET AL.** 

10/741,829 Examiner

Art Unit

Hashem Farrokh

2187

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla            |          | Γ.       |          |  |              | 201          |          |          |          |          | l ſ | Cle   | -im      | _               |          |   |              | 201      |          |          |          |          |
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| Final          | Original | 90/6/9   |          |  |              |              |          |          |          |          |     | Final | Original |                 |          |   |              |          |          |          |          |          |
|                | 1        | 1        |          |  |              |              |          |          |          |          |     |       | 51       |                 |          |   |              |          |          |          |          | Г        |
|                | 2        | -        | П        |  |              |              |          |          |          | Γ        | [   |       | 52       | П               |          |   |              |          |          |          |          | Γ        |
|                | 3        | 1        |          |  |              |              |          |          |          |          |     |       | 53       |                 |          |   | Г            |          | Г        |          |          | Г        |
|                | 4        | 1        |          |  |              |              |          |          |          |          |     |       | 54       | П               |          |   |              |          |          | Г        | П        | Γ        |
|                | 5        | 1        |          |  |              |              |          |          |          | Г        |     |       | 55       | П               |          |   |              |          |          | Г        |          | Γ        |
|                | 6        | -        |          |  |              |              |          |          |          |          | ÌÌ  |       | 56       | П               |          |   |              |          |          |          |          | Г        |
|                | 7        | 1        | -        |  |              |              |          |          |          | Γ        |     |       | 57       | П               |          |   |              | Г        |          |          |          | Γ        |
|                | 8        | -        |          |  |              |              |          |          |          |          | 1   |       | 58       |                 |          |   |              |          |          |          |          | Γ        |
|                | 9        | 1        |          |  |              |              |          |          |          | П        |     |       | 59       | П               |          |   |              |          |          | Г        |          | Γ        |
|                | 10       | -        |          |  |              |              |          |          | П        | Г        |     |       | 60       | П               |          |   |              |          |          |          |          | Г        |
|                | 11       | 1        |          |  |              |              |          |          |          |          | [   |       | 61       |                 |          |   |              |          |          |          |          |          |
|                | 12       | 1        |          |  |              |              | L        |          |          |          |     |       | 62       |                 |          |   |              |          |          |          |          |          |
|                | 13       | -        |          |  |              |              |          |          |          |          |     |       | 63       |                 |          |   |              |          | I        |          |          |          |
|                | 14       | -        |          |  |              |              |          |          |          |          |     |       | 64       |                 |          |   |              |          |          |          |          | Г        |
|                | 15       | -        |          |  |              |              |          |          |          |          |     |       | 65       |                 |          |   |              |          |          |          |          |          |
|                | 16       | 1        |          |  |              |              |          |          |          |          |     |       | 66       |                 |          |   |              |          |          |          |          |          |
|                | 17       | 1        |          |  |              |              |          |          |          |          |     |       | 67       |                 |          |   |              |          |          |          |          |          |
|                | 18       |          |          |  |              |              |          |          |          |          |     |       | 68       |                 |          |   |              |          |          |          |          |          |
|                | 19       |          |          |  | L            |              |          |          |          |          |     |       | 69       |                 |          |   |              |          |          |          |          |          |
|                | 20       |          |          |  |              |              |          |          |          |          |     |       | 70       |                 |          |   |              |          |          |          |          |          |
|                | 21       |          |          |  |              |              |          |          |          |          |     |       | 71       |                 |          |   |              |          |          |          |          |          |
|                | 22       |          |          |  |              |              |          |          |          |          |     |       | 72       |                 |          |   |              |          |          |          |          |          |
|                | 23       |          | L        | L  | L            | L            |          |          |          |          |     |       | 73       |                 |          |   |              | _        |          |          | L        |          |
|                | 24       | L        |          | L  |              |              |          |          |          |          |     |       | 74       | Ш               |          |   |              |          |          |          | <u> </u> | L        |
|                | 25       | L        |          |  | <u> </u>     | L            | <u> </u> | _        |          | _        |     |       | 75       | Ш               | _        |   | _            | _        | _        |          | L        | ļ_       |
|                | 26       |          |          | _  | <u> </u>     |              | <u> </u> | _        | <u> </u> |          |     |       | 76       | Ш               | _        |   | <u> </u>     | <u> </u> |          | <u>_</u> | <u> </u> | L        |
|                | 27       |          |          | _  | <u> </u>     | L            | L        | <u> </u> | _        |          |     |       | 77       | Ш               | _        |   | <u> </u>     | L        | L        | L        | _        | L        |
|                | 28       | _        |          | <u> </u>   | <u></u>      | _            | <u> </u> |          |          |          |     |       | 78       | Ш               |          |   | <u> </u>     | _        |          | L.       | <u> </u> | L        |
|                | 29       | <u> </u> | L        | <u> </u>   | <u> </u>     | L            | <u> </u> |          | _        | _        |     |       | 79       | Ш               | _        |   | <u> </u>     | Ļ        |          | L.       | <u> </u> | L        |
|                | 30       |          |          |  | <u> </u>     | _            |          |          |          | _        |     |       | 80       |                 | _        |   | <u> </u>     |          | <u> </u> | L_       | L        | Ļ        |
|                | 31       | <u> </u> |          | <u> </u>   | <u> </u>     | _            | _        | <u> </u> | <u> </u> | _        |     |       | 81       |                 | _        |   | _            | _        |          | _        | <u>L</u> | Ļ        |
|                | 32       | <u> </u> |          | <u> </u>   | L            | <u> </u>     | L        | ļ        | _        | <u> </u> |     |       | 82       | $\sqcup$        | _        |   | <u> </u>     | <u> </u> |          | _        | <u> </u> | Ļ        |
|                | 33       |          |          |  | ļ.,          | <u> </u>     |          |          |          | <u> </u> |     |       | 83       |                 | _        |   | <u> </u>     | L        |          |          | <u> </u> | L        |
|                | 34       |          | <u> </u> | <u> </u>   | ļ            | <u> </u>     | <u> </u> |          |          |          |     |       | 84       |                 | _        |   | ļ            | _        | ļ        |          | <u> </u> | <u> </u> |
|                | 35       |          | <u> </u> |  | <del> </del> | <u> </u>     | <u> </u> |          | 1—       | <u> </u> |     |       | 85       | $\vdash$        |          |   | ļ            | <u> </u> | ┝        | <u> </u> | <u> </u> | ┡        |
| <u> </u>       | 36       |          |          | _  | <u> </u>     | _            |          | _        | ┡        | _        |     |       | 86       | $\sqcup$        | _        |   | <u> </u>     | <u> </u> | <u> </u> | <u> </u> |          | ┡        |
| <u> </u>       | 37       |          | <u> </u> | _  | L            | _            | _        | _        |          | ⊢        |     |       | 87       | $\sqcup$        | $\dashv$ |   | <u> </u>     | ⊢        | <u> </u> | <u> </u> | <u> </u> | L        |
| <u> </u>       | 38       | <u> </u> | <u> </u> | ├—   | <u> </u>     | <u> </u>     |          | ┝        | <b>—</b> | $\vdash$ |     |       | 88       | $\sqcup$        | $\dashv$ |   | L            | H        | <u> </u> | <u> </u> | <u> </u> | ┡        |
|                | 39       | <u> </u> | ┝        | ⊢  | _            |              | _        | <u> </u> | <u> </u> | H        |     |       | 89       | Н               | $\dashv$ |   | _            | ┡        | ⊢        |          | -        | ┝        |
| $\vdash$       | 40       |          | ┝        | ⊢  |              | ⊢            |          | -        | H        | H        |     |       | 90<br>91 | Н               | $\dashv$ |   | <del> </del> | -        |          | ┝        |          | ┝        |
| $\vdash$       | 41       | -        | ⊢        | <u> </u>   | ⊢            | ├            | -        | $\vdash$ | -        | $\vdash$ |     |       |          | Н               | $\dashv$ |   | ┝            | ⊢        | ⊢        | H        | ⊢        | ⊢        |
| $\vdash\vdash$ | 42<br>43 |          | -        | ├  |              | -            | $\vdash$ | -        | $\vdash$ | -        |     | -     | 92<br>93 | $\vdash\vdash$  |          | _ | -            | ├        | ├        |          | $\vdash$ | ⊬        |
|                | 43       | -        | -        | ├  | $\vdash$     | ⊢            | $\vdash$ | ├        | -        | $\vdash$ | }   | _     | 93       | $\vdash$        | $\dashv$ |   | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | -        | ╁        |
| $\vdash$       | 45       | H        | <u> </u> | $\vdash$   | $\vdash$     | ├            | $\vdash$ | ╁        | ├        | $\vdash$ |     |       | 95       | $\vdash \vdash$ | $\dashv$ | _ |              | -        | ├        | -        | $\vdash$ | ╁        |
| $\vdash$       | 46       | -        | -        |  | <del> </del> | $\vdash$     | $\vdash$ | ├─       |          | $\vdash$ |     |       | 96       | $\vdash$        | -        | _ | -            | $\vdash$ | $\vdash$ | $\vdash$ | -        | $\vdash$ |
| $\vdash$       | 47       | $\vdash$ | $\vdash$ | $\vdash$   | -            | <del> </del> |          | $\vdash$ | $\vdash$ | $\vdash$ | }   | _     | 97       | $\vdash \vdash$ |          | _ | $\vdash$     | $\vdash$ |          | ├        | $\vdash$ | $\vdash$ |
| $\vdash$       | 48       |          | ├        | ├-   |              | $\vdash$     | $\vdash$ | ├-       | $\vdash$ | $\vdash$ |     |       | 98       | $\vdash$        | $\dashv$ | _ | $\vdash$     | -        | -        | $\vdash$ | ├        | $\vdash$ |
| $\vdash$       | 49       | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     | -            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | }   |       | 99       | $\vdash$        | -        | - | $\vdash$     | -        | $\vdash$ | $\vdash$ | $\vdash$ | ╁        |
| $\vdash$       | 50       | $\vdash$ |          | <del>                                     </del> | $\vdash$     | ⊢            |          |          | $\vdash$ | $\vdash$ | }   | -     | 100      | $\vdash$        | -        | _ | <del> </del> | $\vdash$ | $\vdash$ | ┢        | ┢        | ┢        |
| ь              |          | Ц.,      | Ц        |  | <u> </u>     | Щ.           |          | Ц.       | Щ.       |          | ıL  |       | 1.00     | 1               |          |   |              |          |          | Ц        | Ц        | Щ        |

| Ci       | amn            | _        |  |          |          | Jac      | _        |              |              |          |
|----------|----------------|----------|--|----------|----------|----------|----------|--------------|--------------|----------|
| Final    | Original       |          |  |          |          |          |          |              |              |          |
|          | 51<br>52<br>53 |          |  |          |          |          |          | -            |              |          |
|          | 52             |          |  |          |          |          |          |              |              |          |
|          | 53             |          | Г  |          | $\Box$   |          |          |              |              |          |
|          | 54             | Т        | $\vdash$   |          |          |          |          | $\vdash$     |              |          |
|          | 54<br>55       |          |  |          | -        | -        |          | -            |              |          |
|          | 56             | 1        | _  |          | _        | Н        |          |              |              | <u> </u> |
|          | 57             | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ |          | _            |              | $\vdash$ |
|          | 57<br>58       | T        |  |          |          |          |          | _            | _            | _        |
| $\vdash$ | 59             |          | -  | -        | -        | -        | Н        | H            |              |          |
|          | 60             | $\vdash$ | $\vdash$   | _        |          | $\vdash$ | _        | -            | -            |          |
|          | 61             | $\vdash$ | $\vdash$   |          |          |          |          |              |              | -        |
| -        | 62             |          | $\vdash$   |          |          | Н        |          |              |              |          |
|          | 63             |          |  |          |          |          |          |              |              |          |
|          | 63<br>64       | -        | $\vdash$   | $\vdash$ |          | $\vdash$ |          |              |              |          |
| <b>—</b> | 65             | Т        | $\vdash$   | 一        | $\vdash$ | $\vdash$ | Н        | <del> </del> |              |          |
|          | 66             | -        | -  |          |          | -        |          |              |              |          |
|          | 67             |          | <del>                                     </del> |          | _        | _        | -        | _            |              |          |
|          | 68             |          | -  | -        |          |          | -        | $\vdash$     |              |          |
|          | 69             | $\vdash$ | H  |          |          |          |          |              |              |          |
|          | 70             |          | $\vdash$   | ┪        |          | $\vdash$ |          | _            |              |          |
|          | 71             | $\vdash$ |  |          |          | Г        | Т        | Г            |              | _        |
|          | 72             | Г        |  | -        |          |          | Г        |              |              |          |
|          | 73             |          |  |          |          | Г        |          |              |              |          |
|          | 74             |          |  |          |          |          |          |              |              |          |
|          | 75             |          |  |          |          |          |          |              |              |          |
|          | 76<br>77       |          |  |          |          |          |          |              |              |          |
|          | 77             |          |  |          |          |          |          |              |              |          |
|          | 78             |          |  |          |          |          |          |              |              |          |
|          | 79             |          |  |          |          |          |          |              |              |          |
|          | 80             |          |  |          |          |          |          |              |              |          |
|          | 81             |          |  |          |          |          |          |              |              |          |
|          | 82<br>83       |          | L  |          |          |          |          |              |              |          |
| L        | 83             | _        |  | L.       |          |          |          |              |              |          |
|          | 84             |          |  |          |          |          |          |              |              |          |
|          | 85             |          |  |          |          |          |          |              |              |          |
| <u> </u> | 86             | L        |  |          |          |          |          |              |              |          |
| <u> </u> | 87<br>88       | <u> </u> |  | L.       |          | Ш        |          | _            |              |          |
|          | 88             | L_       | _  | _        |          |          |          |              |              |          |
|          | 89             | <u> </u> | _  | _        |          |          |          |              |              |          |
| <u> </u> | 90             | <u> </u> | ldash  | <u> </u> |          |          |          |              |              |          |
|          | 91             | <u> </u> | _  | _        |          | $\vdash$ |          | _            |              |          |
| <u> </u> | 92             | ├_       | <u> </u>   | <u> </u> | _        | <u> </u> | $\vdash$ |              |              |          |
|          | 93             | _        | _  | _        |          | $\vdash$ |          | <u> </u>     | <u> </u>     |          |
|          | 94             | <u> </u> | <u> </u>   | $\vdash$ | -        | -        |          | _            | <b>—</b>     |          |
| -        | 95             | ├—       |  | $\vdash$ | -        | $\vdash$ | Н        | <u> </u>     | -            |          |
| -        | 96<br>97       | $\vdash$ | -  | -        |          | $\vdash$ | H        |              | $\vdash$     | <u> </u> |
| -        | 98             | -        | $\vdash$   | $\vdash$ |          | -        | -        | <u> </u>     | ــــا        | -        |
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| Cl       | aim               | Date              |          |          |              |              |              |          |          |          |  |  |
| Final    | Original          |                   |          |          |              |              |              |          |          |          |  |  |
|          | 101<br>102        |                   |          |          |              |              |              |          |          |          |  |  |
|          | 102               |                   |          |          |              |              |              |          |          |          |  |  |
|          | 103               |                   |          |          | _            |              |              | _        | L.       | Ш        |  |  |
|          | 104               | _                 |          | ļ        | ļ            | <u> </u>     | <u> </u>     | <u> </u> |          |          |  |  |
| -        | 104<br>105<br>106 | H                 |          |          | <del> </del> | _            | <u> </u>     | -        |          |          |  |  |
|          | 107               | -                 |          | <u> </u> | ├            | $\vdash$     | <del>-</del> | -        | $\vdash$ | Н        |  |  |
|          | 107<br>108        |                   |          | H        | <u> </u>     |              | $\vdash$     |          | -        | $\vdash$ |  |  |
|          | 109               |                   |          |          |              |              |              |          |          | П        |  |  |
|          | 110               |                   |          |          |              |              |              |          |          |          |  |  |
|          | 111               |                   |          |          |              |              |              |          |          |          |  |  |
|          | 112<br>113        | _                 |          |          |              |              |              |          |          | Ш        |  |  |
| <u> </u> | 113               |                   | _        |          | _            | -            | <u> </u>     | <u> </u> | _        | Ш        |  |  |
|          | 114<br>115        |                   | <u> </u> | _        | -            |              | -            | -        | -        | Н        |  |  |
|          | 116               | H                 | -        |          | ├            | -            | -            | $\vdash$ | -        | $\vdash$ |  |  |
|          | 117               |                   |          |          |              | $\vdash$     | $\vdash$     |          |          | Н        |  |  |
|          | 118               |                   |          |          |              |              |              |          |          |          |  |  |
|          | 118<br>119        |                   |          |          |              |              |              |          |          |          |  |  |
|          | 120               |                   |          |          | <u> </u>     |              |              |          |          |          |  |  |
|          | 120<br>121<br>122 | <u> </u>          |          | _        | ļ            | <u> </u>     | ļ            | <u> </u> |          | Ш        |  |  |
|          | 122               | <u> </u>          |          | _        | _            | <u> </u>     | <u> </u>     | L        | _        | Щ        |  |  |
|          | 123<br>124<br>125 |                   | _        | _        | $\vdash$     | ⊢            | -            | -        | -        | Н        |  |  |
|          | 125               | $\vdash$          | -        | -        | $\vdash$     | ┝╌           | ├            |          | -        | Н        |  |  |
|          | 126               |                   |          |          |              |              | $\vdash$     |          |          |          |  |  |
|          | 127               |                   |          |          | Т            |              |              |          | П        |          |  |  |
|          | 126<br>127<br>128 |                   |          |          |              |              |              |          |          |          |  |  |
|          | 129<br>130        |                   |          |          |              |              |              |          |          |          |  |  |
| L        | 130               |                   | _        |          | <u> </u>     | <u> </u>     | _            |          | <u>_</u> |          |  |  |
|          | 131<br>132        | _                 |          |          | _            | _            | -            | -        |          |          |  |  |
|          | 133               |                   | _        |          |              | _            |              |          |          | -        |  |  |
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|          | 135               |                   |          |          | -            | <u> </u>     |              | H        | H        |          |  |  |
|          | 136               |                   |          |          |              |              |              |          |          |          |  |  |
|          | 137<br>138        |                   |          |          |              |              |              |          |          |          |  |  |
|          | 138               |                   |          |          | _            |              |              | L        |          |          |  |  |
|          | 139               |                   | L        |          | _            | <u> </u>     | _            | _        | $oxed{}$ | $\Box$   |  |  |
|          | 140<br>141        |                   |          | -        | <u> </u>     | <u> </u>     |              | $\vdash$ | H        | Н        |  |  |
| $\vdash$ | 142               | -                 |          | —        | $\vdash$     | <del> </del> | $\vdash$     | <u> </u> | -        | $\vdash$ |  |  |
| -        | 143               |                   | -        |          |              | <del> </del> | -            | -        | H        | Н        |  |  |
|          | 144               | $\vdash$          |          |          | Н            | <del> </del> | H            | $\vdash$ | Н        | Н        |  |  |
|          | 145               |                   |          |          |              |              |              |          |          |          |  |  |
|          | 146               |                   |          |          |              |              |              |          |          |          |  |  |
|          | 147               |                   |          |          |              | $\Box$       | Ĺ            | L        |          |          |  |  |
|          | 148               | $ldsymbol{f eta}$ |          | <u> </u> | _            | <u> </u>     | L            | <u> </u> | <u> </u> | Щ        |  |  |
| <u> </u> | 149               | ├                 | _        | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>     | $\vdash$ | -        | Щ        |  |  |
| L        | 150               |                   | <u> </u> |          |              | L            |              | L_       |          | L        |  |  |